Save up to 25%

Buy Online

PROTECTION *you demand.* | PERFORMANCE *you deserve.*™

DATA SHEET

Synthetic Water-Resistant Grease

Superior Lubrication and Protection in Automotive, Powersports and Industrial Applications With Extensive Exposure to Water

AMSOIL Synthetic Water-Resistant Grease is an extreme-pressure grease formulated specially for wet-duty performance. Composed of premium-quality synthetic base oils and calcium sulfonate complex thickeners, AMSOIL Synthetic Water-Resistant Grease provides exceptional film strength, shear resistance, adhesion properties and mechanical stability. Its water-washout and sprayoff resistance are outstanding for applications frequently exposed to water, mud, snow or ice, including ATVs, UTVs, snowmobiles and marine applications.



NLGI #2
GC-LB
HPM+WR

Water-Washout and Sprayoff Protection

The superior wet-duty performance of AMSOIL Synthetic Water-Resistant Grease is formulated with extra durable cohesive and adhesive chemistry. It holds together when exposed to water and clings tenaciously to metal surfaces when wet, protecting components during prolonged exposure to standing or pressurized water.

Corrosion Protection

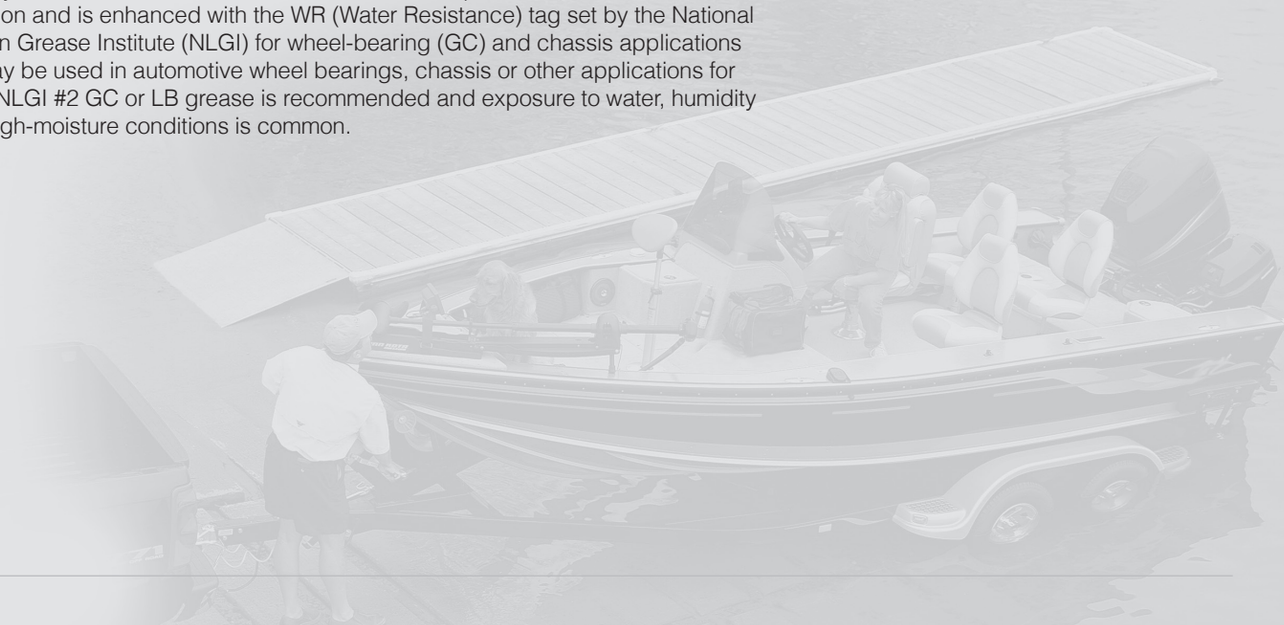
Frequent or prolonged water contact can increase corrosion, resulting in damage to metal surfaces and compromised components. AMSOIL Synthetic Water-Resistant Grease seals metal surfaces and chemically fights corrosion, making it ideal for applications with extensive exposure to water, mud, snow or ice.

Load-Carrying and Extreme-Pressure Performance

AMSOIL Synthetic Water-Resistant Grease protects components from metal-to-metal contact even under heavy loads. Its extreme-pressure additives protect against sustained or sudden extreme loads for dependable protection against wear.

Application Recommendation

AMSOIL Synthetic Water-Resistant Grease meets the requirements of the HPM core specification and is enhanced with the WR (Water Resistance) tag set by the National Lubrication Grease Institute (NLGI) for wheel-bearing (GC) and chassis applications (LB). It may be used in automotive wheel bearings, chassis or other applications for which an NLGI #2 GC or LB grease is recommended and exposure to water, humidity or other high-moisture conditions is common.



Buy Online

TYPICAL TECHNICAL PROPERTIES
AMSOIL Synthetic Water-Resistant Grease (GWR)

Thickener	Calcium Sulfonate Complex
NLGI Consistency Grade	2
NLGI Performance Grade	GC-LB, HPM+WR
Penetration (ASTM D217) (25°C [77°F], 0.1 mm) worked 60 strokes	275
Operating Range °F (°C)	-40 to 350 (-40 to 177)
Dropping Point °F (°C) (ASTM D2265)	>600 (>316)
High-Temperature Life, hours (ASTM D3527)	120
Water Washout, % (ASTM D1264)	0.8
Rust and Corrosion (ASTM D1743)	Pass
Oil Separation, % (ASTM D6184)	0
Leakage, g lost (ASTM D4290)	2.3
Four-Ball Wear Test, mm scar (ASTM D2266)	0.42
Four-Ball EP, kgf (ASTM D2596) Weld Point	620
Timken OK Load Test, lbs (ASTM D2509)	65
Low-Temperature Torque, N•m (ASTM D4693) (-40°C [-40°F])	8.7
Base Oil Viscosity @ 40°C, cSt	170
Color	Blue
Texture	Smooth with Tack

APPLICATION MAINTENANCE
Maintaining a clean work environment is important when greasing equipment. Wipe grease fittings clean prior to injecting grease to prevent contaminant ingestion. Maintain bearing housings one-third to one-half full of grease. Do not over-grease, as excessive heat buildup can result. Supplement standard grease maintenance by cleaning and packing housings with fresh grease on an established maintenance schedule.

PRODUCT AVAILABILITY
AMSOIL Synthetic Water-Resistant Grease is available in 14-oz. cartridges, 35-lb. lugs and 120-lb. kegs.

COMPATIBILITY
AMSOIL Synthetic Water-Resistant Grease is compatible with many other types of grease; however, it is recommended that, when changing greases, the equipment be cleaned of the old grease when possible or flushed with a liberal amount of AMSOIL Synthetic Water-Resistant Grease while the mechanism is in operation. Closely monitor the system for any inconsistencies. Grease compatibility questions should be referred to your AMSOIL representative or AMSOIL INC.

*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use.

AMSOIL PRODUCT WARRANTY
AMSOIL products are backed by a Limited Liability Warranty. For complete information visit AMSOIL.com/warranty.aspx.

HEALTH & SAFETY
This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at AMSOIL.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.**

PROTECTION *you demand.* | PERFORMANCE *you deserve.*™

AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.

FORMULATED, BLENDED AND PACKAGED IN THE USA

AMSOIL INC., 1 AMSOIL Center, Superior, WI 54880 • 715-392-7101 • Printed in USA.
© 2025, AMSOIL INC. All rights reserved. The AMSOIL logo is a registered trademark of AMSOIL INC.

Buy Online